

MAR 28 2005

**MORRISON | FOERSTER**3811 VALLEY CENTRE DRIVE  
SUITE 500  
SAN DIEGO  
CALIFORNIA 92130-2332  
TELEPHONE: 858.720.5100  
FACSIMILE: 858.720.5125  
WWW.MOFO.COMMORRISON & FOERSTER LLP  
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FROM: Gregory P. Einhorn - Reg No. 38,440

DATE: March 28, 2005

Number of pages with cover page: 27	Original or hard copy to follow if this box is checked <input type="checkbox"/> .
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**Comments:**

Attorney Docket: 564462001613  
 Group Art Unit: 1652  
 Examiner: R. Hutson  
 Serial No.: 10/034,621  
 Filing Date: December 21, 2001  
 Inventor(s): Walter CALLEN et al.  
 Title: ENZYMES HAVING HIGH TEMPERATURE POLYMERASE  
 ACTIVITY AND METHODS OF USE THEREOF

**Papers attached:**

1. Transmittal (1 page)
2. Fee Transmittal (1 page + duplicate)
3. Petition for 1 Month Extension of Time Under 37 CFR 1.136(a) (1 page)
4. Amendment in response to Office Action dated November 26, 2004 (22 pages)

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SD-252104

PTO/SB/21 (09-04)


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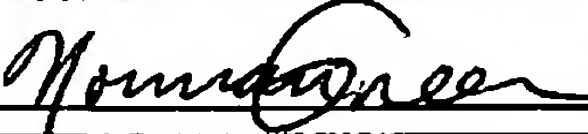
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/034,621	
	Filing Date	December 21, 2001	
	First Named Inventor	Walter CALLEN	
	Art Unit	1652	
	Examiner Name	R. Hutson	
Total Number of Pages in This Submission	27	Attorney Docket Number	584462001613

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 page + duplicate) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (22 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax Cover Sheet (1 page)
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Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Gregory P. Einhorn		
Date	March 28, 2005	Reg. No.	38,440

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PTO/SB/17 (12-04v2)

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<b>Effective on 12/06/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 415).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/034,621
		Filing Date	December 21, 2001
		First Named Inventor	Walter CALLEN
		Examiner Name	R. Hutson
		Art Unit	1652
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 60.00		Attorney Docket No.	564462001613

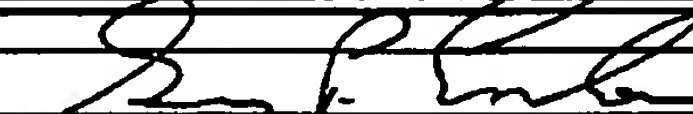
  

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<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<u>Small Entity</u>		<u>Small Entity</u>		<u>Small Entity</u>	
<u>Application Type</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<u>Small Entity</u>	
						<u>Fee (\$)</u>	<u>Fee (\$)</u>
<u>Fee Description</u>							
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			<u>Multiple Dependent Claims</u>	
		x	=			<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>				
		x	=				
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			
	- 100 =	/50	(round up to a whole number) x	=			
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): <u>2251 Extension for response within first month</u>							60.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	38,440
Name (Print/Type)	Gregory P. Einhorn	Telephone	(858) 720-5133
		Date	March 28, 2005

sd-252047

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0851-0032  
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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (P.L. 109-171). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number: 10/034,621 Filing Date: December 21, 2001 First Named Inventor: Walter CALLEN Examiner Name: R. Hutson Art Unit: 1652 Attorney Docket No.: 564462001613	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 60.00			

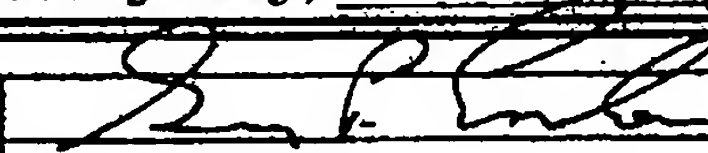
  

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<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

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<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>																			
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)												
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)													
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							Small Entity Fee (\$)												
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Multiple dependent claims							360												
<table border="0" style="width: 100%;"> <tr> <td><u>Total Claims</u></td> <td><u>Extra Claims</u></td> <td><u>Fee (\$)</u></td> <td><u>Fee Paid (\$)</u></td> </tr> <tr> <td>- -</td> <td>x</td> <td>=</td> <td></td> </tr> </table>							<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	- -	x	=		<table border="0" style="width: 100%;"> <tr> <td><u>Multiple Dependent Claims</u></td> </tr> <tr> <td><u>Fee (\$)</u></td> </tr> <tr> <td><u>Fee Paid (\$)</u></td> </tr> </table>		<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	38,440
Name (Print/Type)	Gregory P. Elthorn	Telephone	(858) 720-5133
		Date	March 28, 2005

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